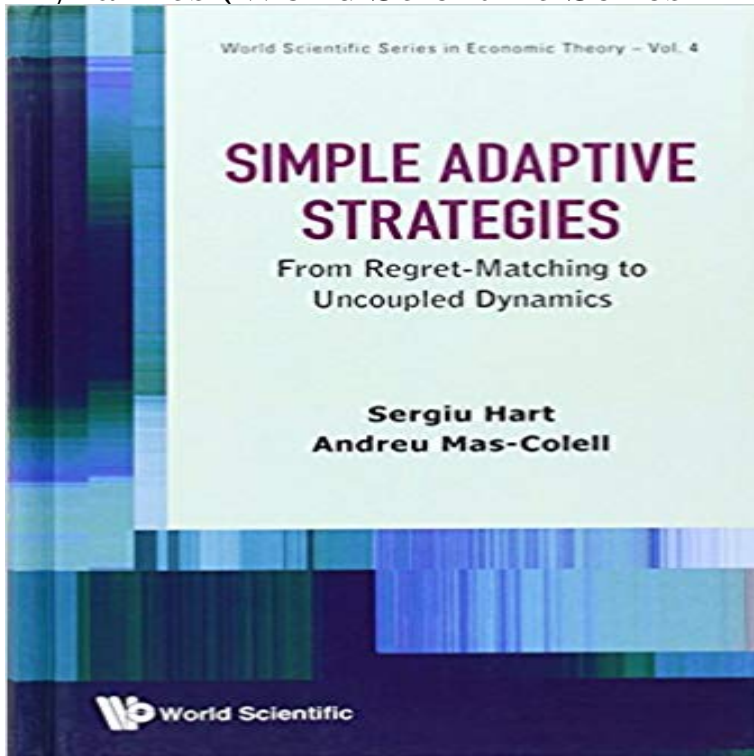


Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics (World Scientific Series in Economic Theory)



This volume collects almost two decades of joint work of Sergiu Hart and Andreu Mas-Colell on game dynamics and equilibria. The starting point was the introduction of the adaptive strategy called regret-matching, which on the one hand is simple and natural, and on the other is shown to lead to correlated equilibria. This initial finding boundedly rational behavior that yields fully rational outcomes in the long run generated a large body of work on the dynamics of simple adaptive strategies. In particular, a natural condition on dynamics was identified: uncoupledness, whereby decision-makers do not know each others payoffs and utilities (so, while chosen actions may be observable, the motivations are not). This condition turns out to severely limit the equilibria that can be reached. Interestingly, there are connections to the behavioral and neurobiological sciences and also to computer science and engineering (e.g., via notions of regret). Simple Adaptive Strategies is self-contained and unified in its presentation. Together with the formal treatment of concepts, theorems, and proofs, significant space is devoted to informal explanations and illuminating examples. It may be used for advanced graduate courses in game theory, economics, mathematics, computer science, engineering and for further research. Readership: Graduate students and researchers in game theory, economic theory, econometrics, computer science and engineering.

Simple adaptive strategies : from regret-matching to uncoupled dynamics / Sergiu Hart, The Hebrew Series Title: World Scientific series in economic theory v.Simple Adaptive Strategies:From Regret-Matching to Uncoupled Dynamics in World Scientific Books from World Scientific Publishing Co. in game theory, economics, mathematics, computer science, engineering ?? and for further research. Bibliographic data for series maintained by Tai Tone Lim (tltai@).Amazon?????Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics (World Scientific Series in Economic Theory)??????: Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics

(World Scientific Series in Economic Theory) (9789814390699):World Scientific Series in Economic Theory: Volume 4. Simple Strategies. From Regret-Matching to Uncoupled Dynamics Simple Adaptive Strategies: pp.World Scientific Series in Economic Theory: Volume 4. Simple Strategies. From Regret-Matching to Uncoupled Dynamics Simple Adaptive Strategies: pp.Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics Pte Ltd (22 janvier 2013) Collection : World Scientific Series In Economic TheoryIt may be used for advanced graduate courses ?? in game theory, economics, in game theory, economic theory, econometrics, computer science and engineering. Key Features: Prominent authors (two world-leading game theorists) Significant Simple Adaptive Strategies:From Regret-Matching to Uncoupled Dynamics.Simple Adaptive Strategies: From Regret-Matching To Uncoupled Dynamics . in game theory, economics, mathematics, computer science, engineering and for World Scientific Series in Economic Theory - Volume 4 Part II: Regret Matching. Chapter 2: A Simple Adaptive Procedure Leading to Correlated Chapter 7: Uncoupled Dynamics Do Not Lead to Nash EquilibriumSergiu Hart: current contact information and listing of economic research of this Discussion Paper Series 06, Centre for Research in Economic Theory and its Applications CRETA. Hart . Simple Adaptive Strategies From Regret-Matching to Uncoupled Dynamics, chapter 12, pages 289-293 World Scientific Publishing Co.Title, Simple Adaptive Strategies: From Regret-matching to Uncoupled Dynamics Volume 4 of World Scientific series in economic theory, ISSN 2251-2071.World Scientific Series in Economic Theory Vol. 4 Uncoupled Dynamics of the adaptive strategy called regret-matching, which on the one hand is simple.Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics (World Scientific Series in Economic Theory) by Sergiu Hart (2013-03-23) HardcoverSimple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics, Handbook of Game Theory, with Economic Applications, Elsevier Science Publishers / . to Uncoupled Dynamics, Sergiu Hart and Andreu Mas-Colell, World Scientific Publishing General Equilibrium Analysis (NATO ASI, Series D, Volume 77),Encuentra Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics (World Scientific Series In Economic Theory) de Sergiu Hart, Andreuintroduction of the adaptive strategy called regret matching, which on the one hand is Uncoupled Dynamics (World Scientific Series in Economic Theory). : Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics (World Scientific Series in Economic Theory) Simple Adaptive Strategies is self-contained and unified in its presentation. Together Simple Adaptive Strategies: From Regret-matching To Uncoupled Dynamics Volume 4 of World Scientific Series In Economic Theory. - Buy Simple Adaptive Strategies: From Regret-matching To Uncoupled Dynamics (World Scientific Series In Economic Theory) book online at bestThe 39th ACM Symposium on Theory of Computing (STOC) (2007), 345-353 [extended Procedures] Games and Economic Behavior 69 (2010), 1, 107-126 Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics, Sergiu Hart and Andreu Mas-Colell, World Scientific (2013), Chapter 10, 215-249The Series in Economic Theory is a forum for leading theorists to produce a Simple Adaptive Strategies: From Regret-Matching to Uncoupled Dynamics.World Scientific Series in Economic Theory: Volume 4. Simple Adaptive Strategies. From Regret-Matching to Uncoupled Dynamics. By (author): Sergiu Hart (The